

CISEC, Inc. administers a nationwide certification program that recognizes the abilities, skills, experience, and knowledge of inspectors who have demonstrated their proficiency in observing, inspecting, and reporting on the implementation of Storm Water Pollution Prevention Plans (SWPPPs).

## ***Mission Statement***

To provide an inspector certification program for individuals that:

- Demonstrate comprehensive knowledge in the principles and practices of sediment and erosion control and their applicability to development of discharge permit documents.
- Demonstrate the necessary skills to observe onsite and offsite conditions that impact the quality of storm water discharges from active construction sites.



- Demonstrate the ability to inspect installed best management practices and their ongoing maintenance to determine if the mitigation measures will minimize the discharge of sediment and other pollutants from active construction sites.
- Demonstrate the ability to communicate and report on their inspection of active construction sites as to whether compliance issues may exist with federal, state and/or local discharge permit regulations.



## ***Training Modules***

Attendance in the training modules is not required before taking the comprehensive certification examination.

### **Day 1 (8:30 a.m. to 4:30 p.m.)**

#### **Module 1: EPA Information**

- Clean Water Act
- NPDES General Permit
- Evaluating the CGP
- Understanding a SWPPP and the S&EC Drawings

#### **Module 2: Best Management Practices**

- Understanding the Phases of Construction
- Inspecting
  - Barriers
  - Check structures
  - Drains and inlets
  - Sediment Containment Systems
  - Other temporary sediment control measures
  - Erosion control practices
  - Hazardous waste material sites
- Writing Inspection Reports
- Assessing Inspection Reports

#### **Module 3: Background of an Inspector**

- Definitions
  - Erosion
  - Sediment
  - Sedimentation
- Why Hydrology is Important
  - Hydrographs and sedigraphs
  - Watersheds and discharge points
- Using BMPs on Construction Sites
  - Large Land Development
  - Vertical
  - Big Box
  - Linear



### **Day 2 (8:30 a.m. to 11:00 a.m.)**

#### **Module 4: Duties of an Inspector**

- Inspection Requirements
  - Role of Designers, Inspectors, and Contractors
- Inspector Responsibilities During Construction Activities
  - Inspection Reports
  - Reporting on BMP Maintenance
  - Documentation
  - Communication
  - Working with Contractors.
- Inspecting Construction Sites for a Client

# ***Certification Examination***

## **Day 2 (1:00 p.m. to 4:30 p.m.)**

During the three-hour examination, applicants deemed qualified by CISEC, Inc. will demonstrate their inspection skills by answering questions on:

- EPA rules and regulations as they apply to understanding, implementing, and updating SWPPPs and S&EC plans.
- Understanding requirements of the CGP.
- BMP inspection requirements.
- Assessing construction sites for compliance.
- Analyzing a SWPPP and the S&EC drawings.
- Identifying noncompliance conditions.
- Writing inspection reports.



***The cost for attending 1½ days of training modules is \$200.***

***If you want to sit for the ½-day certification examination, CISEC, Inc. must review and approve your qualifications. Download material from [www.cisecinc.org](http://www.cisecinc.org) and submit your application, references, payment form, and \$130 to CISEC, Inc. by no later than October 12, 2007.***



## ***October 30 & 31, 2007 CISEC Training Modules and Certification Examination at***

***Lennar Corporation  
1075 Creekside Ridge Drive  
Roseville, CA 95678  
(916-746-8507)***

## ***CISEC, Inc.***

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